

REMARKS

Claims 1, 2, 12, 32, 37, 39, 40, and 114-116 were examined and the amendments were entered. However, the Examiner identified sequence inconsistencies in Claims 114 and 115 as well as the Specification. As a result, Applicants have amended Claims 114 and 115 as well as the Specification to correct these inconsistencies. The changes made to the Specification and Claims by the current amendment, including ~~deletions~~ and additions, are shown herein with deletions designated with a strikethrough and additions underlined. No new matter has been added herewith.

The Specification has been amended to reflect the Changes made to the Sequence listing and Sequence identifiers on July 31, 2000 in the RESPONSE TO NOTICE TO COMPLY. In the amendment, old SEQ ID NO: 9 was changed to SEQ ID NO:10. This is reflected in the Amendments to the Specification in the NOTICE TO COMPLY of July 31, 2000. Thus, Applicants submit that the Table on page 19 was previously amended to reflect the changes to the Sequence identifiers and specifically to SEQ ID NOS: 9 and 12 in the response on page 2 and continuing through page 4. Therefore, Applicants submit that further amendments should not be necessary. In addition, page 10, paragraph 3 of the Specification was previously amended to reflect the changes to the Sequence identifiers. However, upon review Applicants noticed that the old sequence 10 was inadvertently missed. Thus, the amendment to the Specification includes a reference to new sequence 11 (corresponding to old sequence 10).

The amendments to Claims 114 and 115 also reflect the changes to the Sequence identifiers. When Claims 114 and 115 were added in the Amendment of February 27, 2002, they mistakenly did not reflect the changes to the Sequence identifiers which was necessitated in the NOTICE TO COMPLY received two years previously, due to obvious errors within the sequence listing as filed. Thus, Claims 114 and 115 have been amended herein to reflect the Sequence amendments in the RESPONSE TO NOTICE TO COMPLY of July 31, 2000 in which support for the amendments to Claims 114 and 115 can be found. As a result of this, the new Sequence identifiers correspond to the following old sequence identifiers: New 7 and 8 correspond to old 7, new 10 corresponds to old 9, new 11 corresponds to old 10, new 13 and 14 correspond to old 12, new 16-20 correspond to old 14 and new 22-27 correspond to old 16, all of which are amino acid sequences. Further, new 9 corresponds to old 8, new 12 corresponds to old 11, new 15 corresponds to old 13, new 21 corresponds to old 15, new 28 corresponds to old 17, new 29

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corresponds to old 18, new 30 corresponds to old 19, new 31 corresponds to old 10, new 32 corresponds to old 11, new 33 corresponds to old 22, and new 34 corresponds to old 23, all of which are nucleotide sequences. A detailed explanation of these changes can be found in the RESPONSE TO NOTICE TO COMPLY filed July 31, 2002. As a result of the amendments, Claims 1, 2, 12, 32, 37, 39, 40, and 114-116 are presented for examination.

CONCLUSION

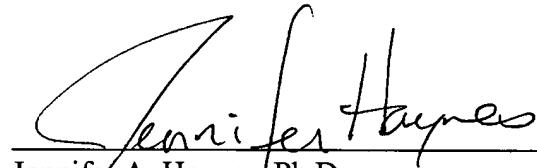
The undersigned has made a good faith effort to respond to all of the rejections in the case and to place the claims in condition for immediate allowance. Nevertheless, if any undeveloped issues remain or if any issues require clarification, the Examiner is respectfully requested to call the undersigned at one of the telephone numbers indicated below to discuss such issues.

Respectfully submitted,

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Dated: March 3, 2004

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